

DRS 2024-07-000580
AD-2024-07-0011



Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
ADVANCED SCIENCE AND TECHNOLOGY INSTITUTE



PURCHASE ORDER

ASTI-FM 03-17
REV 3 / 10 October 2023

Supplier:	ACE ELECTRONIC TECHNOLOGY, INC.	PO No.:	24-07-166
Address:	12 Timog Ave., Brgy. Laging Handa, Quezon City	PO Date:	July 12, 2024
TIN:	005-423-495-000	Mode of Procurement:	NP-53.9 Small Value Procurement

Gentleman:

Please furnish this Office the following articles subject to the terms and conditions contained herein:

Place of Delivery: **ASTI Bldg., C.P. Garcia Ave., U.P. Technology Park Complex, U.P. Campus, Diliman, Quezon City 1101** Delivery Term: **Thirty (30) calendar days upon issuance of NTP**

Date of Delivery: _____ Payment Term: **Government Terms**

Warranty Term: _____

Stock / Property No.	Unit	Description	Quantity	Unit Cost	Amount
1	Piece	<p>Storage - Multi Drawer Cabinet</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF TWO (2) PCS OF MULTI DRAWER CABINET to be used to store the components being used in the research and development under the STRIIDER project.</p> <p>1.2. The Approved Budget for the Contract (ABC) includes all applicable government taxes and services charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. 60 drawers</p> <p>2.2. Material: Polypropylene (PP)</p> <p>3. WARRANTY</p> <p>3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in materials.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within thirty (30) calendar days upon issuance of Notice to Proceed (NTP).</p> <p>4.2. Full payment will only be processed once the items are completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>	2	₱2,150.00	₱4,300.00

Fdf
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Postal Address : ASTI Bldg., U.P. Technology Park Complex,
CP Garcia Ave., Diliman, Quezon City 1101

Website : www.asti.dost.gov.ph

Email : info@asti.dost.gov.ph

Tel No. : +632 8249-8500
+632 8426-9755

2	Piece	<p>Connector - Headers 1.25mm Pitch (5Pin)</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF THIRTY (30) PCS OF HEADERS to be used in the initial research and development under the STRIIDER project.</p> <p>1.1.1. Will be part of the prototype under the STRIIDER project.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Five (5) pins</p> <p>2.2. Pitch: 1.25 mm</p> <p>2.3. One (1) Row</p> <p>2.4. Style:</p> <p>2.4.1. Mounting: Through hole</p> <p>2.4.2. Termination: Crimp</p> <p>2.5. Angle: Straight</p> <p>2.6. Contact:</p> <p>2.6.1. Gender: Pin (Male)</p> <p>2.6.2. Plating: Tin</p> <p>2.7. Current: 1 A</p> <p>2.8. Voltage: 150 V</p> <p>2.9. Housing:</p> <p>2.9.1. Color: Beige</p> <p>2.9.2. Gender: Male</p> <p>2.9.3. Material: Polyamide (PA)</p> <p>2.10. Insulation materials: 500 MΩ</p> <p>2.11. Flammability rating: UL 94 V-0</p> <p>3. WARRANTY</p> <p>3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in materials.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the items are completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>	30	P35.00	P1,050.00
3	Piece	<p>Embedded Controller - Brushless Servo Controller</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI seeks qualified and competent bidders for the SUPPLY AND DELIVERY OF ONE (1) PC OF BRUSHLESS SERVO CONTROLLER to be used to actuate the motors of the STRIIDER by amplifying the signals precisely.</p> <p>1.1.1. Will be part of the prototype under the STRIIDER project.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Equipped with 170 MHz 32-bit microprocessor</p> <p>2.2. 3-phase brushless FOC based control</p> <p>2.3. Voltage input: 10 – 51 V (<=12 S)</p>	1	P7,900.00	P7,900.00

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		<p>2.4. Phase current: 2.4.1. Peak: 20 A 2.4.2. Continuous: 5 A / 14 A (with or without thermal management) 2.5. Peak electrical power: 100 W 2.6. Control rate: 15 – 30 kHz 2.7. PWM switching rate: 15 – 60 kHz 2.8. Max electrical frequency: 3 kHz</p> <p>3. WARRANTY 3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in materials. 3.2. Warranty service shall commence from the date of end-user acceptance. 3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p> <p>4. DELIVERY AND PAYMENT TERMS 4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP. 4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the End-user. 4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>			
4	Piece	<p>Connector - Slip Ring (IP65) 1. GENERAL OVERVIEW 1.1. DOST-ASTI seeks qualified and competent bidders for the SUPPLY AND DELIVERY OF FIVE (5) PCS OF SLIP RING (IP65) to be used to allow the transmission of electrical signals and power to the rotor enabling continuous rotation. 1.1.1. Will be part of the prototype under the STRIIDER project. 1.2. The ABC includes all applicable government taxes and services charges.</p> <p>2. TECHNICAL SPECIFICATIONS 2.1. Sealed/waterproof slip ring 2.2. IP rating: IP65 2.3. No. of rings (2A/ring): Six (6) 2.4. Rated voltage: 0 ~ 240 VAC / VDC 2.5. Rated current: 2A/ring or 10A/ring or 20A/ring 2.6. Working speed: 0 – 250 rpm 2.7. Dielectric strength: 500 VAC @ 50 Hz, 60 s 2.8. Insulation resistance: 500 MΩ / 500 VDC 2.9. Electric noise: < 0.01 Ω 2.10. Diameter (OD): 22 mm 2.11. Material: 2.11.1. Housing: Aluminum alloy 2.11.2. Contact: Gold to gold (alloy) 2.12. With multi-point brush contact material 2.13. With anti-corrosion stainless steel housing for better protection</p> <p>3. WARRANTY 3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in materials. 3.2. Warranty service shall commence from the date of end-user acceptance. 3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p> <p>4. DELIVERY AND PAYMENT TERMS 4.1. The goods must be delivered within thirty (30)</p>	5	₱3,750.00	₱18,750.00

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		<p>calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the items are completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>			
5	Piece	<p>Connector - Slip Ring (IP51)</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI seeks qualified and competent bidders for the SUPPLY AND DELIVERY OF TWO (2) PCS OF SLIP RING (IP51) to be used to allow the transmission of electrical signals and power to the rotor enabling continuous rotation.</p> <p>1.1.1. Will be part of the prototype under the STRIIDER project.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Capsule slip ring</p> <p>2.2. IP rating: IP51</p> <p>2.3. No. of rings (2A/ring): Six (6)</p> <p>2.4. Rated voltage: 0 ~ 240 VAC / VDC</p> <p>2.5. Rated current: 2A/ring or 10A/ring or 20A/ring</p> <p>2.6. Maximum speed: 0 – 250 rpm</p> <p>2.7. Dielectric strength: 500 VAC @ 50 Hz, 60 s</p> <p>2.8. Insulation resistance: 500 MΩ / 500 VDC</p> <p>2.9. Electric noise: < 0.01 Ω</p> <p>2.10. Diameter (OD): 22 mm</p> <p>2.11. Material:</p> <p>2.11.1. Housing: Aluminum alloy</p> <p>2.11.2. Contact: Gold to gold</p> <p>2.12. Transfer electrical power and signal in one unit</p> <p>3. WARRANTY</p> <p>3.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in materials.</p> <p>3.2. Warranty service shall commence from the date of end-user acceptance.</p> <p>3.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP.</p> <p>4.2. Full payment will only be processed once the items are completely delivered, inspected, and accepted by the End-user.</p> <p>4.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>	2	P1,500.00	P3,000.00
6	Pair	<p>Propeller (Underwater)</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI seeks qualified and competent bidders for the SUPPLY AND DELIVERY OF THREE (3) PAIRS OF UNDERWATER PROPELLERS to be used to make an ideal propulsion system for small, unmanned surface vessels (USVs) under the STRIIDER project.</p> <p>1.1.1. Will be part of the prototype under the STRIIDER project.</p> <p>1.2. The ABC includes all applicable government taxes and services charges.</p>	3	P2,250.00	P6,750.00

300


	<p>2. TECHNICAL SPECIFICATIONS 2.1. One (1) weedless propeller clockwise (CC) and one (1) weedless propeller counterclockwise (CCW) 2.2. Blades: 2 2.3. Material: 30% Glass-filled polycarbonate 2.4. Propeller diameter: 112 mm</p> <p>3. PACKAGE INCLUSION 3.1. One (1) weedless propeller (CW) 3.2. One (1) weedless propeller (CCW) 3.3. Four (4) M3x8 Socket head stainless steel screws</p> <p>4. WARRANTY 4.1. Must have at least six (6) months of warranty from the time of delivery which covers defects in materials. 4.2. Warranty service shall commence from the date of end-user acceptance. 4.3. Any replacement service must be successfully performed within fifteen (15) calendar days.</p> <p>5. DELIVERY AND PAYMENT TERMS 5.1. The goods must be delivered within thirty (30) calendar days upon issuance of NTP. 5.2. Full payment will only be processed once the items are completely delivered, inspected, and accepted by the End-user. 5.3. No payment shall be made for the supplies and materials not yet delivered under this contract.</p> <p>(Please see attached quotation.)</p>			
			TOTAL:	₱41,750.00
(Total Amount in Words)			Forty-One Thousand Seven Hundred Fifty Pesos Only	

The contract price is inclusive of taxes and other fees and charges. In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed on the undelivered item/s. Once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of the contract, DOST-ASTI may rescind or terminate the contract, without prejudice to other courses of action and remedies available under the circumstances and in accordance with the provisions of the latest implementing rules and regulations of RA 9184.

Conforme:

Very Truly Yours,

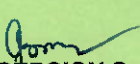
(Signature over Printed Name of Supplier)


FRANZ A. DE LEON, Ph.D.

Director, DOST-ASTI

Digitally signed by Franz A. De Leon, Ph.D. DN: cn=Franz A. De Leon, o=DOST-ASTI, email=franzen@astidost.gov.ph

(Date)

Fund Cluster:	01	ORS / BURS No.: 021011012024-07-000520
Funds Available:	₱41,750.00	ORS / BURS Date: JULY 16, 2024
		Amount: ₱ 41,750.00
 GAY CONCEPCION S. BUGAGAO _____ Accountant III		



12 July 2024

NOTICE TO PROCEED
ALTERNATIVE MODE OF PROCUREMENT

Ms. MARIBELLE S. UY
 General Manager
ACE ELECTRONIC TECHNOLOGY, INC.
 12 Timog Avenue, Barangay Laging Handa
 Quezon City

Dear Ms. Uy,

This Notice to Proceed is hereby issued for the following contract details:

Contract Name	: Supply and Delivery of Two (2) Pieces Storage - Multi Drawer Cabinet and Other Items
Purchase Request No.	: GAA-24-05-19302
Purchase / Work Order No.	: 24-07-166
Total Contract Price	: Php 41,750.00
(inclusive of taxes, import duties and all other charges or fees)	
Total Contract Price in Words	: Forty One Thousand Seven Hundred Fifty Pesos

Upon issuance of this Notice, your company, **ACE ELECTRONIC TECHNOLOGY, INC.** is hereby directed to commence the delivery of items and/or performance of services stipulated in the said Purchase Order which shall become due and demandable in accordance with the delivery schedule stipulated therein.

Please acknowledge receipt and acceptance of this Notice by signing in the space provided below. There are two (2) copies of this document; you may keep one copy and return the other to the Bids and Awards Committee (BAC) Secretariat of the Advanced Science and Technology Institute. Should you have any questions or clarifications, you may reach us at bac-sec@asti.dost.gov.ph.

Respectfully,

FRANZ A. DE LEON, Ph.D. Digitally signed by Franz A. De Leon on 2024.07.12 10:00:00 +0800 (PST) DN: cn=Franz A. De Leon, o=ASTI, ou=ASTI, email=franzen@asti.dost.gov.ph
 Director

DATE OF ISSUANCE:

JUL 17 2024

RECEIVED BY:

 Signature over Printed Name

 Date and Time

Postal Address : ASTI Bldg. UP Technology Park Complex
 CP Garcia Ave., Diliman, Quezon City 1101
 Website: : www.asti.dost.gov.ph
 Email: : info@asti.dost.gov.ph

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 +632 8426-9755
 Fax No.: +632 8249-9764

ASTI - FM 03-19
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